

Mines and Mining

Development Throughout Arizona and Northern Mexico

SMELTERS AT DOUGLAS WILL COMMENCE IN NOVEMBER.

Superintendent L. L. Merrill Authority for Statement.

The progress of the Calumet smelters is all that could be asked for by the company. The finishing touches are being added as rapidly as it is possible to get to them says the Douglas Dispatch.

Superintendent L. L. Merrill was down the first of the week looking over the works and expressed himself well satisfied over the prospects of firing up for work.

"We will blow in by the tenth of the month," said Mr. Merrill, "and expect fully to begin operations at Douglas at that time. Everything becomes slow toward the finishing of the works and it is rarely ever that work is ready to begin as soon as anticipated. The tenth of November is the day set for beginning operations and if nothing prevents that will be the date."

"The machinery has all been installed and in place for some days. Everything composing the smelter works is the very best obtainable and gives us one of the finest plants in the west. The plant will be enlarged as fast as the needs of the property, or rather, the development of the property warrants the increase."

When asked whether the sulphur would affect the town from its location, Mr. Merrill stated that there was no reason to believe that it would, for the smoke stack was of sufficient height to give the sulphur a good start.

This will be the beginning of one of the industries which the people of Douglas have been depending upon, and it will begin operations if anything earlier than was even expected. This will bring new forces to work in Douglas, which will be increased from time to time in proportion to the output of the big mines of the Calumet and Hecla at Bisbee.—Dispatch.

One hundred years of age and totally blind, Catharine Sgrisa has just been released from an Austrian jail, where she had been imprisoned for selling poison to a woman who wanted to murder her husband.

The interior department has started a free telegraph school under the auspices of the Insular telegraph service at San Juan, Porto Rico. The school has twenty-five pupils, all girls, who will be fitted for becoming operators in the island.

The famous mosque of Sultan Hassan at Cairo is to be completely repaired. The sum of \$200,000 necessary for the purpose has been furnished, and a first installment has been paid to the committee for the preservation of the monuments in Cairo.

M. J. Thoulet has investigated the constitution of the ocean bed and finds that the more deeply it is penetrated the less the proportion of slime and the less calcareous matter. On the other hand, the proportion of sand and pure clays increases with the depth.

What undoubtedly is the largest known tree in the world has been discovered on the government reservation far up in the Sierras in Fresno county, Cal. Six feet from the ground it took a line 154 feet 8 inches long to encircle the tree, making it over fifty-one feet in diameter.

Tintoretto's great masterpiece, "Paradise," in the Ducal palace at Venice, suffered but slightly from the fall of the St. Mark's campanile. A little careful work by the clever Italian restorers and the great painting will be it is said, in as good condition as before the nearby bell tower collapsed.

Whereas light of various kinds is being advocated for the cure of various germ diseases, Dr. A. F. King of New York holds that light aggravates malarial fever and that by keeping the patient in a dark room the disease can be made less virulent, bright light evidently being favorable to the growth of the germs.

The London Express notes that Denmark was ruled by three generations within the period of one week not long ago. On a Friday Prince Christian, son of the crown prince, was the regent; on the next day the crown prince assumed the sway, and on the following Thursday Denmark was again ruled by the king.

Eggs consumed in England during the past twelve months would, it is computed, fill upward of 40,000 railway trucks. Of these only one-third were English, and in consequence an enormous sum of money was sent out of the country that might have been kept at home had those engaged in rural industries been able to their opportunities.

The disciplinary council of the Munich bar has just had before it a barrister charged with the high crime and misdemeanor of taking part in amateur theatricals. The impugned lawyer pleaded that he had charged no fees, but the bar council declined to admit that this want of prudence purged the offense and imposed a fine, together with a sharp reprimand.

MINERAL APPLICATION No. 788 Mineral Survey No. 1678.

U. S. Land Office, Tucson, Arizona. October 9th, 1902.

Notice is hereby given that Jacob Flirung and Charles Strong, whose postoffice address is Bisbee, Arizona, have this day filed their application for a patent for 1275 linear feet of the Just Discover mine or vein, bearing copper and other metals with surface ground 600 feet in width, situated in Warren mining district, county of Cochise and Territory of Arizona, and designated by the field notes and official plat on file in this office as survey No. 1678, approximately township 23 south range 24 east (unsurveyed) of Gila and Salt river base and meridian said survey No. 1678 being as follows:

Beginning at corner No. 1, the northeast corner, identical with location and with corner No. 5, Cochise lode No. 1648 and on line 2-4 St. Louis lode No. 1564, at south 15 deg., 19 min., west 308.3 feet from corner No. 2; a pine post in mound of stones, scribed 1-1678 J. D. L.; whence U. S. M. No. 4 bears north 35 deg. 30 min., 30 sec., west 729.5 feet. Thence south 35 deg., 29 min., east 633.70 feet to corner No. 2, identical with location for east side and with corners No. 1 and 4, respectively, of Ohio and Cochise lodes surveys No. 1648; a pine post in mound of stones, scribed 2-1678 J. D. L. Thence south 35 deg., 49 min.; east 786.40 feet to corner No. 3, identical with location and with northeast corner unsurveyed Key claim; a pine post in mound of stones, scribed 3-1678 J. D. L.; thence south 19 deg., 19 min., west 221.10 feet to corner No. 4, the southwest corner; a pine post set in mound of stones, scribed 4-1678 J. D. L.; thence north 49 deg., 05 min., west 755 feet, to point whence original location for west side center bears south 2 deg., 02 min., west 310 feet; 1638.10 feet same bearing to corner No. 5, identical 1392; a pine post set in mound of stones, scribed 5-1678 J. D. L.; thence south 41 deg., 05 min., west 143.10 feet to corner No. 6, identical with corner No. 2, Combination lode No. 1633; a pine post set in mound of stones, scribed 6-1678; thence north 17 deg., 34 min., west 119.30 feet to corner No. 7, the northwest corner, identical with corner No. 9, Combination lode No. 1633, a pine post set in mound of stones, scribed 7-1678 J. D. L.; thence north 15 deg., 19 min., east 333.25 feet to north end center; a pine post set in mound of stones, scribed 1573 J. D. L. 600.50 feet same bearing to corner No. 1, the place of beginning.

Magnetic variation, 11 deg., 55 min., east containing 10,837 acres.

The location notice of this claim is of record in the office of the Recorder of Cochise county, Arizona, in Book 17, with corner No. 2, California lode No. Records of Mines, at page 240, approximate in T. 23 south, R. 24 east Gila and Salt river base and meridian.

The course of the mineral bearing ledge on this claim is from the north end center monument south 35 deg., 29 min., east 600 ft. thence south 49 deg., 10 min., east 875 feet the discovery shaft bears from corner No. 3 north 46 deg., 34 min., west 658 feet.

The adjoining claimants are on northeast: Cochise and Ohio, No. 1748, Mathias and Strong, Owners; southeast Key claim, unsurveyed, Martin O'Hara, Owner; southwest, California No. 1282, South Bisbee Mining Company, owner; West Combination, No. 1633 and St. Louis, No. 1564, L. C. Shattuck, Owner.

Any and all persons claiming adversely any portion of said Just Discover mine or surface ground are required to file their adverse claims with the Register of the United States Land Office, at Tucson, in the Territory of Arizona, during the sixty days period of publication hereof, or they will be barred by virtue of the provisions of the statute.

MILTON R. MOORE, Register First Publication, October 14th, 1902.

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BISBEE LODGE NO. 10, I. O. O. F. Meets every Wednesday evening. Visiting brothers cordially invited to attend.

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IMPROVED ORDER OF RED MEN, COCHISE Tribe No. 7, meets every Thursday evening at the Opera House Hall. Visiting brothers cordially invited.

John Munch, Sachem Chas. Crawford, Recorder. Dr. Edmundson, Medicine Man.

B. P. O. E. Bisbee Lodge 671 meets First and Third Fridays of each month. Visiting Brothers cordially invited.

F. Marks, E. R. W. P. Mimmack, Secy.

QUEEN LODGE, No. 5, A. O. U. W. Master Workman, Robt. H. Campbell Financial, A. W. Kindred Recorder, Lewis Hunt

Meets each Saturday evening in Library hall Visiting brothers cordially invited.

BISBEE LODGE, NO. 180 United Moderns, meets second and fourth Mondays, opera house hall. F. D. WESTON, Chairman. ADA B. WALL, Secretary.

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NOTICE TO CREDITORS. Estate of Theon M. Shearer, deceased. Notice is hereby given by the undersigned executor of the estate of Theon M. Shearer, deceased, to the creditors having claims against the said deceased, to exhibit them, with the necessary vouchers, within ten months after the first publication of this notice to the said executor at the office of J. M. O'Connell, Bisbee, Arizona, the same being the place for the transaction of business of said estate, in said county of Cochise.

EZRA O. LONGFELLOW, Executor of the Estate of Theon M. Shearer, deceased. Dated this 17th day of October, 1902.

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